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[\[PDF\] A MIMO-OFDM testbed for wireless local area networks](#)[hindawi.com \[PDF\]](#)

AG I Fabregas, M Guillaud, DTM Stock, G ... - EURASIP Journal on ..., 2006 - hindawi.com

... dimension to achieve reliable communication over **multiple-input multiple-output (MIMO)** channels. In particular, the application of such techniques to current wireless communication systems is of great interest. High-throughput communication in indoor wireless **local area** ...

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H Holma, A Toskala - 2007 - books.google.com

... area network LCS Location services LCD Liquid crystal display LO **Local oscillator** LP Low ... filter
 LTE Long-Term Evolution MAC Medium access control MAI **Multiple** access interference ... control
 function MGW Media gateway MHA Mast head amplifier **MIMO Multiple input multiple** ...

[Cited by 84](#) - [Related articles](#) - [All 2 versions](#)[Coherent optical multiple-input multiple-output communication](#)[ucla.edu \[PDF\]](#)

RCJ Hsu, A Shah, B Jalali - IEICE Electronics Express, 2004 - J-STAGE

... In this letter, we extend the true **MIMO** approach to enable **multiple** communication channels ...
 As a proof a concept, we have built a 2×2 coherent optical **MIMO** system operating at ... The
 transmitted signal, S, and **local oscillator**, L, are directed into the commercial Lithium Niobate ...

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AR Shah, RCJ Hsu, A Tarighat, AH ... - Journal of Lightwave ..., 2005 - opticsinfobase.org

... that allow us to recover data transmitted from **multiple** Tx's and received by **multiple** Rx's. ... We have
 built a proof-of-concept 2×2 coherent optical **MIMO** system as shown in Figs. ... The transmitted
 signal S and the **local oscillator** L are directed into the commercial lithium niobate ...

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X Nieo, LM Ventura, A Mollfulleda - Testbeds and Research ..., 2006 - Citeseer

... A. Dual-band Multi-channel RF Front-end The building blocks of the dual-band **MIMO** front-end

are shown in Figure 3, where ... must be accounted for in the design of multi-antenna radios: the architecture used for the synthesis and distribution of **multiple local oscillators** and the ...

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H Sampath - 2001 - Citeseer

... and Ispan Wireless, Inc, to develop such systems. Digital cordless telephony is typically employed in **local** area/ low mobility appli- ... 45, 35, 21]. This has motivated the research in **MIMO (Multiple-input multiple- output)** wireless links. ...

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V Jungnickel, T Haustein, E Jorswieck, V Pohl, ... - GLOBECOM-NEW ..., 2001 - iitb.ac.in

... with a relatively long Gold sequence pi modulated onto the same **local oscillator** (LO) and ... Research on **MIMO** systems for WLAN applications is being continued in order to ... time architecture for wireless communication in a fading environment when using **multiple** antennas," Bell ...

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[\[PDF\] Broadband **MIMO**-OFDM wireless communications](#)

[psu.edu \[PDF\]](#)

GL Stuber, JR Barry, SW McLaughlin, YQ Li, MA ... - Proceedings of the ..., 2004 - Citeseer

... can be used at the transmitter and receiver, an arrangement called a **multiple**-input mul ... For a **MIMO** system with and antennas, the pilot sequences can be coded over space ... Do- main—Any frequency offset between the transmitter and the receiver **local oscillators** is reflected in ...

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[Carrier frequency offset estimation in BLAST **MIMO** systems](#)

MA McKeown, DGM Cruickshank, IAB Lindsay, JS ... - Electronics ..., 2003 - link.aip.org

In wireless communications, component tolerances result in carrier frequency offset between transmitter and receiver **local oscillators**. A scheme is proposed to estimate carrier frequency offset in a **multiple** input–**multiple** output (**MIMO**) system. ...

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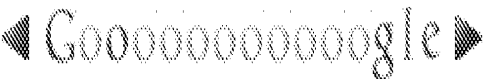
[\[PDF\] **MIMO** wireless communication channel phenomenology](#)

[psu.edu \[PDF\]](#)

DW Bliss, AM Chan, NB Chang - IEEE Transactions on Antennas and ..., 2004 - Citeseer

... While the advantages of **multiple** receive an- tennas, such as gain and spatial diversity, have been known and ... the ratio of capacity bounds for 0.2, 0.4, and 0.6 for a 4 4 **MIMO** system is displayed. ... transmitters can send independent sequences using a common **local oscillator**. ...

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